

Notice of Allowability

Application No.

09/509,326

Examiner

Harish T. Dass

Applicant(s)

CHA, MIN HO

Art Unit

3693

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to August 31, 2006.
2. ☒ The allowed claim(s) is/are 25-37.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance:

Prior art taken alone or in combination failed to teach or suggest the limitations of:

(e) immediately after one of the selling order and the purchase order is contracted, the computer system, without an intervention by the user, generating and placing another purchase order and another selling order for trade according to the automatic trade condition,

and

(f) the computer system repeating the process e), wherein the selling order in each of the processes (d) and (e) is higher than the contracted price in each of the processes (d) and (e), and the purchase order price in each of the processes (d) and (e) is lower than the contracted price in each of the processes (d) and (e) as recited in independent claims 25.

Prior art taken alone or in combination failed to teach or suggest the limitations of

c. when immediately after the initial order is contracted, the computer system automatically, without an intervention by the user, generating and placing new purchase order through the data communication network according to the automatic trade

condition, the sell order being at a price higher than contracted price for initial order and purchase order being at a price lower than the contracted price for the initial order.

d. when immediately after one of the newly placed sell and purchase orders is contracted, the computer system automatically, without an intervention by the user, generating and placing new purchase order and a new sell order for trade according to automatic trade condition, the sell order being at a price higher than previously contracted price and the purchase order being at a price lower than the previously contracted price, as recited in independent claim 32.

Prior art taken alone or in combination failed to teach or suggest the limitations of

the trade order control module places repeatedly, without an intervention by the user, a new stock selling and new purchase order according to automatic trade condition immediately after the stock selling or purchase order is contracted at a contracted price, the new selling order price is higher than the contracted price, and the new purchase order price is lower than the contracted price, as recited in independent claim 37

Prior Arts:

US 6,014,643 (Minton) discloses a data processing system, and a network of data processing systems for allowing individuals to buy and sell securities directly from other individuals, with only minimal oversight by a broker, and provide individuals with

the ability to make markets in the security of their choosing. A user can place orders to buy or sell a security by the system.

US 4,674,044 (Kalmus et al.) disclose a data processing based apparatus makes an automated trading market for one or more securities. The system retrieves the best obtaining bid and asked prices from a remote database, covering the ensemble of institutions or others making a market for the relevant securities. Data characterizing each securities buy/sell order requested by a customer is supplied to the system. The order is qualified for execution by comparing its specifics against predetermined stored parameters.

US 5,297,031 (Gutterman et al) discloses a computer-based techniques for managing orders placed in a physical market for trading instruments such as stocks, bonds, stock options, futures options and futures contracts on commodities including agricultural products, financial instruments, stock market indices and the like.

US 6029146 (Hawkins et al.) discloses methods and devices for electronically trading securities and more particularly to a method and device for electronically trading securities between brokers in which trade confirmation is performed automatically, and automatically generating a buy or sell order that matches the executing broker's confirmation under direction of the broker. (Hawkins et al.) discloses methods and devices for electronically trading securities and more particularly to a method and device for electronically trading securities between brokers in which trade confirmation is performed automatically, and automatically generating a buy or sell order that matches the executing broker's confirmation under direction of the broker.

DE 19956626 (SCHAEFERMEIER) discloses automatic monitoring and analysis of financial index time series for generation of none gain limited transaction order signals by comparison of existing values with previous values according to two different criteria. During continuous cycles, not necessarily of the same duration, a first index value is captured according to certain selection criteria. The most recently captured index value is compared with an earlier value to see if a trend criterion is fulfilled, if so a second trend criterion is used to compare the values. Depending on the comparison result a transaction signal (buy or sell) is generated. The system is not gains limited, i.e. an automatic sell is not generated as soon as a certain profit percentage has been obtained.


Each of the prior art taken alone or in combination failed to teach or suggest the above features recited in independent claims 1, 32 and 37.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Harish T. Dass whose telephone number is 571-272-6793. The examiner can normally be reached on 8:00 AM to 4:50 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James P. Trammell can be reached on 571-272-6712. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



JAGDISH N. PATEL
PRIMARY EXAMINER

Harish T Dass
Examiner
Art Unit 3693

11/11/06